



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/820,551		
		Filing Date	April 8, 2004		
		First Named Inventor	Apostolides, John K.		
		Art Unit			
Examiner Name					
Sheet	1	of	6	Attorney Docket Number	00478CIPCIPCIPICIP

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
JR		1,379,259	05-24-1921	Hans	
		1,815,221	07-21-1931	Sweetland	
		2,029,781	02-04-1936	McLean	
		2,102,514	12-14-1937	Clarkson	
		2,110,662	03-08-1938	Fisher	
		2,143,533	01-10-1939	Archea et al.	
		2,320,048	05-25-1943	Parson	
		2,603,312	07-15-1952	Tabet	
		2,838,039	06-10-1958	Smith et al.	
		2,887,058	05-19-1959	Aspelin et al.	
		2,928,499	03-15-1960	Nallinger	
		3,045,420	07-24-1962	Addie et al.	
		3,057,436	10-09-1962	Jacobson et al.	
		3,146,720	09-01-1964	Henry	
		3,282,380	11-01-1966	Burrell et al.	
		3,430,730	03-04-1969	Kitajima	
		3,503,412	03-31-1970	Schuler	
		3,583,525	06-08-1971	Holcomb	
		3,583,527	06-08-1971	Raichel	
		3,585,686	06-22-1971	Balle	
		3,658,153	04-25-1972	Berman	
		3,722,623	03-27-1973	Waldecker	
		3,802,564	04-09-1974	Turman	
JR		3,826,113	07-30-1974	Noraas et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
JR		DE 197 43917 A1 ✓	04-08-1999	Ecotec AG		
JR		EP 0 416 688 A1 ✓	03-13-1991	Groeneveld Transport Efficiency		
JR		WO 02/27186 A1 ✓	04-04-2002	RPM Industries, Inc.		

Examiner Signature	/John Rivell/	Date Considered	09/14/2006
-----------------------	---------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, -0204430.0012

PI-1059681 v1 0204430-0020

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/820,551
		Filing Date	April 8, 2004
		First Named Inventor	Apostolides, John K.
		Art Unit	
		Examiner Name	
Sheet	2	of	6
		Attorney Docket Number	00478CIPCIPCIP

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
JR		3,858,686	01-07-1975	Luterick	
		3,917,027	11-04-1975	Hakanson et al.	
		4,014,794	03-29-1977	Lewis	
		4,058,981	11-22-1977	Henson	
		4,061,204	12-06-1977	Kautz, Jr.	
		4,094,293	06-13-1978	Evans	
		4,095,673	06-20-1978	Takeuchi	
		4,112,910	09-12-1978	Percy	
		4,126,997	11-28-1978	Henson	
		4,157,744	06-12-1979	Capriotti	
		4,168,693	09-25-1979	Harrison	
		4,174,699	11-20-1979	Gill	
		4,199,950	04-29-1980	Hakanson et al.	
		4,240,523	12-23-1980	Nestor et al.	
		4,290,739	09-22-1981	Korse	
		4,331,112	05-25-1982	Pluequet	
		4,354,574	10-19-1982	Kleber	
		4,378,675	04-05-1983	Otto	
		4,402,287	09-06-1983	Cochran	
		4,421,078	12-20-1983	Humer	
		4,458,644	07-10-1984	Papst	
		4,462,350	07-31-1984	Kurata	
		4,502,431	03-05-1985	Lulich	
		4,502,451	03-05-1985	Duprez	
JR		4,512,298	04-23-1985	Hayashi	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	/John Rivell/	Date Considered	09/14/2006
-----------------------	---------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/820,551		
		Filing Date	April 8, 2004		
		First Named Inventor	Apostolides, John K.		
		Art Unit			
		Examiner Name			
Sheet	3	of	6	Attorney Docket Number	00478CIPCIPCIP

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
JR		4,553,512	11-19-1985	Showman	
		4,628,877	12-16-1986	Sundles et al.	
		4,813,853	03-21-1989	Otto et al.	
		4,834,039	05-30-1989	Apostolides	
		4,875,551	10-24-1989	Lulich	
		4,893,598	01-16-1990	Stasiuk	
		4,965,549	10-23-1990	Koike	
		4,977,978	12-18-1990	Batrice	
		5,014,820	05-14-1991	Evans	
		5,048,578	09-17-1991	Dorf et al.	
		5,056,621	10-15-1991	Trevino	
		5,168,845	12-08-1992	Peaker	
		5,195,476	03-23-1993	Schwarz	
		5,198,698	03-30-1993	Paul et al.	
		5,203,429	04-20-1993	Zager	
		5,236,064	08-17-1993	Wagoner	
		5,244,367	09-14-1993	Aslin	
		5,257,678	11-02-1993	Stokes	
		5,263,445	11-23-1993	Bedi et al.	
		5,327,862	07-12-1994	Bedi	
		5,353,760	10-11-1994	Zager	
		5,390,762	02-21-1995	Nelson	
JR		5,431,138	07-11-1995	Humer	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	/John Rivell/	Date Considered	09/14/2006
--------------------	---------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/820,551		
		Filing Date	April 8, 2004		
		First Named Inventor	Apostolides, John K.		
		Art Unit			
		Examiner Name			
Sheet	4	of	6	Attorney Docket Number	00478CIPCIPCIPICIP

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
JR		5,443,138	08-22-1995	Bedi et al.	
		5,452,695	09-26-1995	Bedi	
		5,462,420	10-31-1995	Stehr et al.	
		5,511,522	04-30-1996	Tran	
		5,526,782	06-18-1996	Bedi et al.	
		5,566,781	10-22-1996	Robert et al.	
		5,699,764	12-23-1997	Allen et al.	
		5,743,231	04-28-1998	Reinosa	
		5,748,500	05-05-1998	Quentin et al.	
		5,759,013	06-02-1998	Miyazaki et al.	
		5,797,732	08-25-1998	Watanabe et al.	
		5,823,750	10-20-1998	Hoffmann et al.	
		5,894,825	04-20-1999	Duerr	
		5,957,240	09-28-1999	Apostolides	
		5,964,256	10-12-1999	Bedi et al.	
		6,215,728 B1	04-10-2001	Yamada	
		6,216,732 B1	04-17-2001	Apostolides	
		6,461,118 B1	10-08-2002	Apostolides et al.	
		6,542,851 B2	04-01-2003	Hasegawa et al.	
		6,544,008 B1	04-08-2003	Apostolides et al.	
		6,561,219	05-13-2003	Apostolides	
		US 2003/0150256 A1	08-14-2003	Jakoby et al.	
JR		US 2003/0202887 A1	10-30-2003	Apostolides et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	/John Rivell/	Date Considered	09/14/2006
--------------------	---------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/820,551
		Filing Date	April 8, 2004
		First Named Inventor	Apostolides, John K.
		Art Unit	
		Examiner Name	
Sheet 5 of 6	Attorney Docket Number	00478CIPCIPCIP	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
JR		OIL X-CHANGER SYSTEMS, www.x-change-r.com Internet Website, printed February 18, 2003, 12 pages.	
JR		RPM INDUSTRIES, INC., Prelub The Simple Solution, tri-fold brochure, 05-06-1992, United States, 2 pages.	
JR		RPM INDUSTRIES, INC., "Prelub Plus Oil Evacuation System," dual sided brochure, 02-02-1999, United States, 2 pages.	
JR		RPM INDUSTRIES, INC., "Prelub Plus - The engine-saving, money-saving, time-saving starter system," single page brochure, 06-22-1999, United States, 1 page.	
JR		RPM INDUSTRIES, INC., "Prelub Plus [Protection from the Start]," tri-fold brochure, 03-02-1999, United States, 6 pages.	
JR		International Search Report for International Application PCT/US 02/02415, October 10, 2002.	
JR		United States Patent Application No. 08/961,339, filed October 30, 1997. (Attorney Docket No. 00478)	
JR		United States Patent Application No. 09/435,375, filed November 5, 1999. (Attorney Docket No. 00478CIP)	
JR		United States Patent Application No. 09/772,604, filed January 30, 2001. (Attorney Docket No. 00478CIPCIP)	
JR		United States Patent Application No. 10/253,950, filed September 24, 2002. (Attorney Docket No. 020036)	

Examiner Signature	/John Rivell/	Date Considered	09/14/2006
--------------------	---------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/820,551		
		Filing Date	April 8, 2004		
		First Named Inventor	Apostolides, John K.		
		Art Unit			
		Examiner Name			
Sheet	6	of	6	Attorney Docket Number	00478CIPCIPCIP

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
JR		United States Patent Application No. 10/347,958, filed January 21, 2003. (Attorney Docket No. 00478CIPCONCON) ✓	
JR		United States Patent Application No. 10/414,360, filed April 15, 2003. (Attorney Docket No. 00478CIPCIPCON) ✓	
JR		United States Patent Application No. 09/836,610, filed April 16, 2003. (Attorney Docket No. 00478CIPCON) ✓	
JR		United States Patent Application No. 10/820,551, filed April 8, 2004. (Attorney Docket No. 00478CIPCIPCIP) ✓	

Examiner Signature	/John Rivell/	Date Considered	09/14/2006
-----------------------	---------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Application Number	10/820,551
Filing Date	April 8, 2004
First Named Inventor	Apostolides
Art Unit	3753
Examiner Name	
Attorney Docket Number	00478CIPCIPCIPCIP

[illegible][illegible]

Examiner Signature	/John Rivell/	Date Considered	09/14/2006
--------------------	---------------	-----------------	------------

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/820,551
				Filing Date	April 8, 2004
				First Named Inventor	Apostolides
				Art Unit	3753
				Examiner Name	
				Attorney Docket Number	00478CIPCIPCIPCIP
Sheet	2	of	2		

[illegible]

Examiner Signature	/John Rivell/	Date Considered	09/14/2006
-----------------------	---------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.